<u>CORE ELECTRICAL PROJECTS</u>

1. Aero Dynamic Wind Mill with Reverse Charge Protection For Rural Power Generation Applications With Battery Voltage Analyzer Using At89s52 MCU

2. Automatic Room Light control with Visitor Counting for power saving applications in seminar halls

3. Design and Implementation of Maximum Power Tracking System by Automatic control of Solar Panel Direction according to the Sun Direction

4. DTMF based Industrial automation and appliances control system for rural and agriculture applications

5. Automation Of Unmanned Railway Gate Control System Using 89s52 Microcontroller

6. EEPROM Based Smart Prepaid Energy Meter with Auto cut off on No Balance

7. Embedded automatic two gate interlock for toll tax system

8. Embedded Password based Access Control System using I2C protocol

9. Finger print based stepper motor control and access control system

10. High sensitive IR based Unmanned Railway Gate Control using AT89C51 Microcontroller

11. Implementation 0f Solar Water Pump Controlled With Four Different Time For PWER Saving Applications

12. Programmable temperature monitor and controller for industrial boilers & ovens

13. Real Time Clock Based Solar LED Street Light Automation Using

14. Real-Time Atomization Of Agricultural Environment for Social Modernization of Indian Agricultural System

15. Security Integrated system based on wireless access protocol for industrial applications with SMS alert system using GSM modem

16   SMS based PWM speed and direction control of DC motor using H-bridge and GSM modem

17   Solar based E-Uniform for soldiers who work at extreme high temperature or extreme low temperature

18   Solar Highway Lighting System with Auto Turn Off On Day Time with LCD Display

19   Wireless Electrical Apparatus Control System using IR communication

20   Wireless stepper motor control using RF communication.

21   Construction of Central Control unit for Irrigation